



PTO/SB/08a/b (07-05)
Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete If Known	
				Application Number	10/099,906-Conf. #3614
				Filing Date	March 14, 2002
				First Named Inventor	John H. Oates
				Art Unit	2631
				Examiner Name	J. A. Torres
				Attorney Docket Number	102323-0092
Sheet	1	of	1		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
JATM	AA*	US-6,018,317	01-25-2000	Dogan et al.	
	AB*	US-6,370,130	04-09-2002	Zhou et al.	
	AC*	US-6,570,864	05-27-2003	Kim et al.	
	AD*	US-6,801,565	10-05-2004	Bottomley et al.	
	AE*	US-6,842,480	01-11-2005	Yang et al.	
	AF*	US-6,154,443	11-28-2000	Huang et al.	
	AG*	US-6,600,729	07-29-2003	Suzuki	
	AH*	US-6,754,805	06-22-2004	Juan	
	AI*	US-6,647,059	11-11-2003	Faruque	
	AJ*	US-6,782,036	08-24-2004	Dowling et al.	
	AK*	US-5,757,791	05-26-1998	Kanterakis et al.	
	AL*	US-6,127,973	10-03-2000	Choi et al.	
	AM*	US-2004/0213329A1	10-28-2004	Takashi et al.	
	AN	US-2002/0118728A1	09-29-2002	Mohseni, Mohammad J.	
	AO	US-2003/0058929A1	03-27-2003	Cox, Earl C. et al.	
	AP	US-2003/0206577A1	11-06-2003	Liberti, Joseph Charles Jr. et al.	
	AQ	US-2002/0122392	09-05-2002	Elezabi, Ayman	
	AR*	US-2003/0091058	05-15-2003	Oates	
	AS*	US-2003/0103558	06-05-2003	Oates	
	AT*	US-2003/0099225	05-29-2003	Oates	
	AU*	US-2003/0099224	05-29-2003	Oates	
	AV*	US-2003/0091106	05-15-2003	Oates	
	AW*	US-2003/0076875	04-23-2003	Oates	
	AX*	US-2003/0091102	05-15-2003	Oates	
	AY*	US-2003/0202566	10-30-2003	Oates	
	AZ*	US-2003/0198197	10-23-2003	Oates	
	AA1*	US-2003/0202559	10-30-2003	Oates	
	AB1*	US-2003/0128739	07-10-2003	Oates	
	AC1*	US-2003/0191887	10-09-2003	Oates	
	AD1*	US-2003/0231702	12-18-2003	Oates	
	AE1*	US-6,697,973	02-24-2004	Baumeister, IV et al.	
	AF1*	US-5,530,877	06-25-1996	Hanaoka	
	AG1*	US-6,948,100	09-20-2005	Sekiguchi et al.	
	AH1*	US-6,105,148	08-15-2000	Chung et al.	
	AI1*	US-6,311,296	10-30-2001	Congdon	
	AJ1*	US-6,518,980	02-11-2003	DeMotte et al.	
	AK1*	US-6,014,408	01-11-2000	Naruse et al.	
	AL1*	US-5,014,235	05-07-1991	Morton	
	AM1*	US-5,566,171	10-15-1996	Levinson	
	AN1*	US-6,122,309	09-19-2000	Bergstrom et al.	
	AO1*	US-3,996,455	12/1976	Schaefer et al.	
	AP1*	US-6,282,233	08-28-2001	Yoshida	
	AQ1*	US-20020051433-A1	12-13-2005	Affes et al.	
	AR1*	US-20010053177-A1	12-20-2001	Papasakellariou	
JATM	AS1*	US-6,470,000	10-22-2002	Burns et al.	

Examiner Signature	/Juan Torres/	Date Considered	07/12/2006
--------------------	---------------	-----------------	------------



PTO/SB/08a/b (07-05)

Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/099,906-Conf. #3614
				Filing Date	March 14, 2002
				First Named Inventor	John H. Oates
				Art Unit	2631
				Examiner Name	J. A. Torres
				Attorney Docket Number	102323-0092
Sheet	1	of	1		

	AT1*	US-6,816,541	11-09-2004	Schmidl	
JATM	AU1*	US-6,546,026	04-08-2003	Goeddel	
JATM	AV1*	US-5,576,715	11-19-1996	Litton et al.	
JATM	AW1*	US-5,812,843	09-22-1998	Yamazaki et al.	
JATM	AX1*	US-5,809,262	09-15-1998	Potter	
JATM	AY1*	US-6,161,209	12-12-2000	Moher et al.	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code ² -Number ³ -Kind Code ⁴ (if known)					
JATM	BA	DE-198 41 578 A1		03-16-2000		abstract	
JATM	BB	EP-0 982875 A2		01-03-2000			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
JATM	CA	Microsoft Corporation, Microsoft Computer Dictionary, 2002, Microsoft Press, Fifth Edition, pages 326 and 419.		
JATM	CB	S.L. Miller and A. N. Barbosa, "A Modified MMSE Receiver for Detection of DS-CDMA Signals in Fading Channels", 1996, IEEE, Proc. MILCOM '96, pp. 898-902.		
JATM	CC	Verdu, "Multiuser Detection", 1998, Cambridge, pp. 19-60, 154-243.		

19-47, 50-67, 237, 235, 288, 289 344

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	/Juan Torres/	Date Considered	07/12/2006
--------------------	---------------	-----------------	------------